

3006204006

92590

GSM Multiband Antenna Set with 20m cable & bracket



Description

- ✓ Antenna for GSM900, GSM1800, PCS1900, 3G UMTS
- ✓ Frequency range: 890-960, 1710-1880, 1900-2170 MHz
- ✓ Fiber glass antenna tube / Stainless steel antenna base
- ✓ 20M cable with connectors
- ✓ Stainless steel bracket for vertical or horizontal mounting
- ✓ Adapters for various GSM Media gateways

The GSM Multiband Antenna Set is a high performance antenna designed for most US and European cellular frequencies. Its rugged design means that it can be installed on all types of marine vessels, from pleasure crafts to ocean liners.

The antenna offers 6 dBi of gain at the 2.1 GHz 3G / UMTS frequency band in order to ensure a reliable high speed data connection whenever possible. The antenna features 900/1800 MHz fall-back to ensure that even when there is no 3G coverage, there will always be a GPRS data link available.

This antenna will fit standard 1" x 14TPI marine mounting systems.

Also available in version with 10 m cable (order number 3006204005)

Specifications

ANTENNA UNIT

Frequency Range (MHz)	890-960, 1710-1880, 1900-2170
Operational Band	GSM900, GSM1800, PCS1900, 3G UMTS
Gain Isotropic 900 MHz	2dBi
Gain Isotropic 1800 MHz	5dBi
Gain Isotropic 1900 & 2100 MHz	6dBi
Compared to 1/4 wave 900 MHz	0dBi
Compared to 1/4 wave 1800 MHz	3dBi
Compared to 1/4 wave 1900 & 2100 MHz	4dBi
Impedance	50 ohm
Max Input Power (W)	10W
Dimension (HxW)	445 x 25 mm
Material	Fiber glass and Stainless Steel
Operating Temperature	-40° to +80°C
Color	White
Weight	0.5 kg
IP rating	IP65

BRACKET

Material	Stainless steel
Standard thread	1" x 14
Dimensions (WxHxD)	105 x 135 x 40mm
Weight	0.6 kg

CABLES

Weight	0.3 kg
Cable 20 meter (92590)/ 10 meter (92580)	Super Low-Loss LMR400 with FME-female /FME-female plug
Attenuation	0.089 dB/m at 450 MHz (total of 1.78 dB loss at 20m), 0.128 dB/m at 900 MHz (total of 2.56 dB loss at 20m), 0.196 dB/m at 2100 MHz (total of 3.92 loss at 20m), 0.230 dB/m at 2600 MHz (total of 4.60 dB loss at 20m)

ANTENNA ADAPTERS

Antenna adapter FME-male / SMA-male	For 3006204002 92522 GSM gateway and 2200003000 MV370 GSM Media Gateway
Antenna adapter GC86/89 FME-male with 30cm cable	For 3006204153 GSM dual band with voice fax terminal gateway and 2200004201 Globe surfer - 3G + data and voice wireless terminal to cable
Antenna adapter FME-male / N-male	For antenna to cable